

REUSOVA, Ye.P., assistant (Khar'kov)

Amputation method with the use of penicillin for treating pulpitis.
Probl. stom. 3:109-114 '56 (MLRA 10:5)
(PENICILLIN) (TEETH--DISEASES)

FRIDMAN, Ya.L., dots. (Khar'kov); VAYNDRUKH, S.A., dots. (Khar'kov);
REUSOVA, Ye.P., kand.med.nauk (Khar'kov)

Clinical and radiological investigation of the condition of the
periodontium in students of the Kharkov Medical Stomatological
Institute. Probl.stom. 4:179-183 '58. (MIRA 13:6)
(GUMS--DISEASES)

REUSOVA, Ye.P., assistant (Khar'kov)

Amputation method with the use of penicillin for treating pulpitis.
Probl. stom. 3:109-114 '56 (MIRA 10:5)
(PENICILLIN) (TEETH--DISEASES)

REUS, N., RUMANIA/Optics - X-Rays

K-10

Abs Jour : Ref Zhur - Fizika, No 8, 1958, No 19381

Author : Luca Emil, Fetrescu V., Iliescu Gh., Reus N.
Inst : Not given
Title : Concerning the Problem of Experimental Determination of
the Effectiveness of Filters Used in X-Ray Technology.

Orig Pub : Bul. Inst. politehn. Iasi, 1956, 2, No 3-4, 165-173.

Abstract : Unlike the method of Destriau and Korn (Destriau G.,
Physique Appliquee des installations a rayons X, Paris,
1945), the coefficient of effectiveness of the filters for
X-rays is determined as a ratio of the relative change in
the effective voltage on the X-ray tube and the relative
change in the current in the ionization chambers. The
quantities that enter into this definition characterize
more completely the real conditions of the operation of
the X-ray tube and are more accessible for measurement.

Card : 1/2

KISELEVA, M.M., kand.med.nauk ; REUSOVA, Ye.P. ; SAFRONOVA, A.F., kand.med.nauk

Data on the effectiveness of local fluorination. Stomatologiya 38
no.4:10-11 JI-Ag '59. (MIRA 12:12)

1. Iz kafedry terapevticheskoy stomatologii (zav. - prof. I.A. Begel'-
man) Khar'kovskogo meditsinskogo stomatologicheskogo instituta.
(FLUORINATION) (TEETH--DISEASES)

REUSOVA, Ye.P.; MALIKOVA, N.Ya.

Comparative evaluation of therapeutic methods for pathological
alveoli in complex treatment of pyorrhea alveolaris. Probl.
stom. 5:63-67 '60. (MIRA 15:2)

1. Khar'kovskiy meditsinskiy stomatologicheskiy institut.
(GUMS___DISEASES)

GREKOVA, Z.M.; ~~REUSOVA, Ye.P.~~; SAFRONOVA, N.P.

Effect of mouth breathing on the state of the maxillo-dental system.
Probl. stom. 5:405-410 '60. (MIRA 15:2)

1. Khar'kovskiy meditsinskiy stomatologicheskii institut.
(MOUTH DISEASES) (MOUTH BREATHING)

PORUBSZKY, Jeno.; APATI, Attila.; REUSS, Endre, Dr., egyetemi tanar.

Remarks. Meres automat 8 no.5:138-139 '60.

1. Egyesult Izz-Technologiai Laboratorium (for Porubszky and Apati).
2. Budapest: Muszaki Egyetem, Muszaki Mechanika Tanszek (for Reuss).

REUSS, E., Prof.

Theoretical research on inner stress concentration. Acta techn Hung 35/36:
277-287 '61

1. Technische Universitat, Budapest.

Report presented at the 1st All-Union Congress of Theoretical and Applied Mechanics,
Moscow, 27 Jan - 3 Feb '60.

236. G. I. Ponomarev (Moscow): Large deflections of reinforced
shell cylindrical shells.
237. V. E. Babitskiy (Moscow), Yu. E. Babitskiy (Sverdlovsk):
Creep strength of turbine shafts.
238. A. I. Babitskiy (Moscow): Flow and embossing of metals
under the action of impact forces.
239. Yu. E. Babitskiy (Sverdlovsk): Creep.
240. A. I. Babitskiy (Moscow): Some problems in the theory of
viscoelasticity connected with the design of foil foundations.
241. A. I. Babitskiy (Moscow): Some difference equations of
viscoelasticity.
242. A. I. Babitskiy (Moscow): On the propagation of elastic
waves in a half-space.
243. A. I. Babitskiy (Moscow): Propagation of disturbances in
anisotropic media.
244. V. P. Babin (Novosibirsk): Bunch pressure on flexible retaining
walls.
245. V. E. Babin (Novosibirsk): On the pressure of a punch on an
elastic half-space.
246. V. E. Babin (Moscow): Types of high molecular and dielectric
structures and their mechanical properties.
247. V. E. Babin (Moscow): On the influence of the nature of principal
stresses on the fatigue strength.
248. V. E. Babin (Moscow): The application of the method of homogenization solutions to some mechanical problems of the
theory of elasticity.
249. V. E. Babin (Moscow): Some three-dimensional problems of
elasticity in rigid, plastic bodies.
250. V. E. Babin (Moscow): On the application of the
homogenization solutions to problems of stress theory of
composites.
251. V. E. Babin (Moscow): Some problems of the
mechanical properties theory of composites.
252. A. G. Babin (Moscow): Theory of thin-layered bodies
from bending and temperature effects.
253. V. E. Babin (Moscow): The experimental study of the
deformation of thin-layered bodies.
254. V. E. Babin (Moscow): The determination of the
characteristics of a linearly supported plate by the method of
successive approximations.
255. V. E. Babin (Moscow): Torsion of anisotropic prismatic
bars of elongated cross section.
256. V. E. Babin (Moscow): The impact of a double punch
on a half plane.
257. V. E. Babin (Moscow): The use of similarity considerations
for determining the convergence in the design of shells by
successive approximations.
258. V. E. Babin (Moscow): Stability of cellular structures
under impact.
259. V. E. Babin (Moscow): Bending of thin-layered
bodies supported on elastic layer of finite thickness.
260. V. E. Babin (Moscow): Plastic bending of plates into
cylindrical shapes.
261. V. E. Babin (Moscow): A beam on a two-layer half space
under impact.
262. V. E. Babin (Moscow): Some problems of creep and
embossing of metals.
263. V. E. Babin (Moscow): Determination of the natural
frequencies of plates of constant and variable thickness.
264. V. E. Babin (Moscow): Dynamic problems of the design of
retaining walls and foundations under impact.
265. V. E. Babin (Moscow): Solution of some dynamic problems
of the design of retaining walls and foundations.
266. V. E. Babin (Moscow): On some problems of the theory
of elasticity.
267. V. E. Babin (Moscow): On some problems of the theory
of elasticity.
268. V. E. Babin (Moscow): The effect of thermal stresses
on the stresses in plates and plates under impact loading.
269. V. E. Babin (Moscow): Stresses in elliptical
shells subjected to impact pressure.

REUSS, E.

✓ 41. Stress analysis of strip wound high pressure vessels by the theory of anisotropic elastic bodies (In English)
E. Reuss. *Acta Technica Academiae Scientiarum Hungaricae*. Vol. 14, 1956, No. 1-2, pp. 113-125, 2 figs.

*Strain
Phy*

Stresses due to internal overpressure may be calculated by considering the coiled jacket of a high-pressure vessel consisting of a core tube and strips wound around it as an anisotropic body. For this the elasticity constants of the core and of the winding must be known. The paper presents a method of calculation of the elasticity constants of the winding from elongation measurements executed on the outer and inner surface of the vessel. The calculation is based on some obvious assumptions relative to the elasticity constants of the winding.

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FARKAS, Ferenc; SEBESTYEN, Ferenc; EISLER, Janos, dr., egyetemi tanar;
HOFFMANN, Pal; REICHARDT, Zoltan; FABRY, Jozsef; NYULASZI, Mihaly;
MATEFFY, Sandor; REUSS, Laszlo

Remarks about Ferenc Palos' lecture entitled "Demands of
electric power industry concerning the Hungarian cable manu-
facture." Villamossag 8 no.2-3:71-72 F-Mr '60.

1. Nehezipari Miniszterium Villamosenergiaipari Igazgatósága
formernoke (for Farkas).
2. EM Budapesti Villanyszerelő
Vállalat; "Villamossag" szerkesztő bizottsági tagja (for Sebestyen).
3. Budapesti Műszaki Egyetem (for Eisler).
4. Kábel- és
Sodronykötélgár (for Hoffmann).
5. EM Szerelőipari Tervező
Vállalat (for Reichardt).
6. Építéstudományi Intézet (for
Fabry).
7. EM Szerelőipari Tervező Vállalat (for Nyulaszi).
8. Kohó- és Gépipari Miniszterium Tervező Irodái (for Mateffy).
9. Kábel- és Sodronykötélgár (for Reuss).

REUSI, N.; COTTARD, F.

Testing a pellicular evaporator. p. 204.

REVISTA DE CHIMIE. Bucuresti, Rumania. Vol. 10, no. 4, Apr. 1959.

Monthly List of East European Accessions. (EEAI), LC. Vol. 8, no. 9, Sept. 1959.
Uncl.

REUSZ, Gh.

Modification of the technological process in the manufacture of bread yeast
by means of eliminating the filtration of yeast nest in the 7 Noiembrie
Plants. P 23

REVISTA INDUSTRIEI ALIMENTARE. PRODUSE VEGETALE. (Ministerul Industriei
Bunurilor de Consum si Sindicatul Muncitorilor din Industria Bunurilor de
Consum) Bucuresti, Rumania. No. 12, 1958

Monthly List of East European Accessions (EEAI) LC. Vol. 8, no. 9, Sept. 1959.

Uncl.

REUT, A. [A.] 3 Instability of He^+. M. Mescheryakov, A. Reut, F. Grigor'ev, and T. Khrenina. <i>Compt. rend. Acad. Sci. U.R.S.S.</i> 52, 765-6 (1966).—Isotopic analysis in a cyclotron showed that in He from a gas well the ratio of He^3 to He^4 was smaller than 10^{-10}. G. C. Akerlof																																																																													
Radius Int. AS USSR ASB-SLB METALLURGICAL LITERATURE CLASSIFICATION																																																																													
<table border="1"> <tr> <td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td><td>22</td><td>23</td><td>24</td><td>25</td><td>26</td> </tr> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table>																										1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26																										
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Reut, A. A.
 USSR/ Physics - H^4 nuclei
 Card 1/1 Pub. 22 - 18/53
 Authors : Reut, A. A.; Korenchenko, S. M.; Yur'ev, V. V. and Pontekorvo, B. M.
 Title : An attempt to discover the H^4 nuclei among the carbon fission products by the action of protons of 300 Mev energy
 Periodical : Dok. AN SSSR 102/4, 723-725, Jun 1, 1955
 Abstract : Experiments are described which were conducted to discover the β - re-active H^4 nuclei among the fission products bombarded by protons of 300 - 430 Mev. A telescope consisting of 3 proportional counters installed inside the chamber of a synchro-cyclotron was used in the experiments. Eleven references: 4 USSR, 6 USA and 1 Canada (1950-1952). Table; diagram.
 Institution : The Acad. of Sc., USSR, Institute of Nuclear Problems
 Presented by : Academician L. A. Artsimovich, May 5, 1955

REUT.A.A

SUBJECT USSR / PHYSICS CARD 1 / 2 PA - 1751
 AUTHOR IGNATENKO, A.E., KRIVICKIJ, V.V., MUCHIN, A.I., PONTEKORVO, B.,
 REUT, A.A., TARAKANOV, K.I.
 TITLE The Leading-Out of Bundles of Energy-Rich Particles through the
 Pole Shoes of the Electromagnet of a Phasotron.
 PERIODICAL Atomnaja Energija, 1, fasc.5, 5-8 (1956)
 Issued: 1 / 1957

The present paper describes the method for the production of collimated pion bundles which was developed in the summer of 1953. On this occasion the pole shoes of the electromagnet serve as the main protection against the direct radiation of the accelerator. Apart from the economic advantage offered, the application of pole shoes as protection against radiation permits a considerable increase of the operation surface for investigations. In the 6 m phasotron of the Institute for Nuclear Problems of the Academy of Science in the USSR the properties of mesons are investigated on bundles which are led out not only through and between the pole shoes, but also through a specially built "principal concrete protection" of the phasotron. However, this concrete protection is comparatively far away from the chamber of the accelerator, and therefore the meson bundles led through the pole shoes are more intense than the bundles led out through the principal concrete protection.

The leading out of monoenergetic pion bundles through the pole shoes of the phasotron magnet is discussed on the basis of a drawing. The mesons produced by the bombardment of the target (arranged in the accelerator chamber) with 680 MeV

Atomnaja Energija, 1, fasc.5, 5-8 (1956)

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PA - 1751

protons were analyzed according to energies and impinged upon one of the three holes bored into the poles of the electromagnet. After passing through the collimator established in the channel, the mesons fell into the place containing the experimental devices ("Meson Laboratory"). Here the pions were deflected by 30° by means of an additional magnet, after which they impinged upon the measuring apparatus. The deflecting electromagnet can be adjusted to the axis of one of the three collimators by means of a special mechanism. Choosing the direction of the collimators is of particular importance. In the collimator holes magnetic field strength must be attenuated in an effective manner. In the course of special tests various magnetic screens were examined. On the basis of the results obtained on this occasion the collimators were produced in form of multilayer-cylindrical magnetic screens of steel and brass. A more than thousand-fold attenuation of magnetic field strength was attained.

The pion bundles: The intensity of the pions was measured in the "Meson Laboratory" by means of a telescope consisting of three scintillation counters connected for coincidence. The energy of the pions was determined from their range in copper. The intensities of the bundles of pions with different energies are shown in a table. In conclusion scattered radiation is discussed. It was found that a concrete protection of 1 m thickness (density 2.4 g/cm^3), which completely surround the detector, attenuates scattered radiation down to $\sim 1/40$.

INSTITUTION:

AUTHOR:

KRIVICKIJ, V.V., REUT, A.A.

PA - 2095

TITLE:

The Production of Positive Pions by Negative 308 MeV Pions in Carbon.

PERIODICAL:

Doklady Akademii Nauk SSSR, 1957, Vol 112, Nr 2, pp 232-235 (U.S.S.R.)

Received: 3 / 1957

Reviewed: 4 / 1957

ABSTRACT:

The order in which the experiment was carried out is shown by a drawing. A bundle of negative mesons with 308 ± 12 MeV was deflected by the magnetic field of a synchrocyclotron whereupon it impinged upon a collimator. After passing through the collimator the negative mesons impinged upon the target (graphite cylinder), in which the positive pions were then produced. This bundle of negative pions was then deflected by means of an auxiliary magnet and was then controlled by means of a monitor consisting of two scintillation counters. The energy of the negative pions was controlled in a magnetic field on the basis of their ranges in copper as well as by means of a filament through which a current passed. The intensity of the bundle of negative pions was determined by means of electron-sensitive photoplates. The positive pions were recorded by means of photoplates having a layer of 280μ thickness. The amount of positive pions brought to a standstill in the emulsion was determined from the number of $(\pi - \mu)$ acts of decay. The efficiency of the record-

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PA - 2095

The Production of Positive Pions by Negative 308 MeV Pions in Carbon.

ing of the $(\pi - \mu)$ decay acts by the photoplates used here amounted to 0,25.

The plates were investigated under a microscope with 300-fold magnification. On 300 cm² photoemulsion 16 $(\pi - \mu)$ decay acts were found. Results are shown in form of a diagram. Most of the acts of $(\pi - \mu)$ decay observed correspond to an energy of from 30 to 50 MeV of the produced positive pions. This result is essentially based on experimental conditions: Mesons with less than 30 MeV are brought to a standstill in the target itself or in the wedges. Mesons with more than 50 MeV were registered in small numbers only because of the geometric conditions of the experiment.

The formula for the computation of the differential cross section of the production of mesons by mesons is explicitly given. The cross section computed in this manner (for an energy of 40 MeV and for an angle of 90° in the direction of the bundle of negative pions) amounts to

$d^2\sigma/dE d\omega = (2,6 \pm 1,3) \cdot 10^{-30} \text{ cm}^2 \text{ sterad}^{-1} \text{ MeV}^{-1}$. Integration over the spectrum furnishes the following value for the cross

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PA - 2095

The Production of Positive Pions by Negative 308 MeV Pions
in Carbon.

section of the production of positive pions by negative pions
under an angle of 90° : $(d\sigma/d\omega)_{90^\circ} = (2,1 \pm 1,1) \cdot 10^{-28} \text{ cm}^2 \text{ sterad}^{-1}$.

If the angular distribution of the positive pions is isotropic,
the total cross section of the production of mesons by mesons
on carbon nuclei is $\sigma_c = (2,6 \pm 1,3) \cdot 10^{-27} \text{ cm}^2$. The results ob-

tained here permit the conclusion to be drawn that, on the
occasion of the experiments carried out concerning the elastic
scattering of negative pions by hydrogen, nonelastic processes
must be taken into account already at 300 MeV.

ASSOCIATION: Institute for Nuclear Problems of the Academy of Sciences
of the USSR

PRESENTED BY:

SUBMITTED:

AVAILABLE: Library of Congress

Card 3/3

USSR/Medicine - nutrition

FD-3072

Card 1/1 Pub. 141 - 18/23

Author : Reut A. I. and Levina, R. I.

Title : Concerning the detection of staphylococic enterotoxin

Periodical : Vop. pit., 47-47 May/Jun 1955

Abstract : Staphylococic food poisoning is caused by contamination of the food product with staphylococcus strains capable of forming enterotoxin. The method used for the detection of these strains has been feeding milk inoculated with the strain to cats. If, after one day, vomiting and diarrhea are noticed, the enterotoxic strain is assumed to be present. However, on checking with white and aureo staphylococcus, a positive reaction was achieved on only one case out of six. Feeding the milk culture for a five day period led to a positive reaction in five cases out of seven. Concludes that one day is insufficient time for the staphylococcus to produce enough enterotoxin to cause a positive reaction, and the growth period should therefore be increased to five days. No reference.

Institution : Belorussian Sci-Res Sanitary Inst, Minsk

REUT, A.I.

Evaluation of the hygienic properties of kefir. Zdrav.Belor. 5
no.12:36 D '59. (MIRA 13:5)

1. Iz Belorusskogo sanitarno-gigiyenicheskogo instituta (direktor -
doktor med.nauk P.V. Ostapenka).
(KEFIR)

PETROV, V.I.; GOELEVSKAYA, M.V.; SYRKASHEVA, A.V.; RAYKHSHTAT, G.N.;
SHAPIRO, A.A.; BERLOVICH, E.A.; KARASEVA, M.F.; RYUMINA, M.G.
LEYKINA, R.S.; BROKER, T.N.; GITARIN, D.Yu.; MOSKOVENKO, D.F.;
STASILEVICH, Z.K.; REUT, A.I.; ALIYEVA, S.G.

Annotations. Zhur. mikrobiol., epid. i immun. 40 no.2:109-112
F '63. (MIRA 17:2)

1. Iz Dnepropetrovskoy gorodskoy sanitarno-epidemiologicheskoy
stantsii (for Petrov). 2. Iz Saratovskogo meditsinskogo instituta
i Saratovskoy gorodskoy sanitarno epidemiologicheskoy stantsii
(for Godlevskaya, Syrkasheva). 3. Iz sanitarno-epidemiologicheskoy
stantsii Sverdlovskogo rayona Moskovy (for Raykhshtat, Shapiro, Berlovich,
Karaseva, Ryumina, Leykina, Broker). 4. Iz Instituta eksperimental'noy
patologii i terapii AMN SSSR (for Stasilevich). 5. Iz Belorusskogo
sanutarni-gigiyenicheskogo instituta (for Reut). 6. Iz Uzbekskogo
nauchno-issledovatel'skogo kozhno-venerologicheskogo instituta
(for Aliyeva).

REUT, N.I. (Novokuznetsk, Kemerovskoy oblasti, prospekt Kurako, d.1, kv.72)

Use of an electric drill in traumatology. Ortop., travm. i protez.
25 no.6:52 Je '64. (MIRA 18:3)

1. Iz travmatologicheskogo otdeleniya (zav. - N.I. Reut) 1-y bol'nitsy (glavnyy vrach - I.A. Levin) goroda Osinniki, Kemerovskoy oblasti.

LUK'YANOV, Boris Borisovich; REUT, V.F., red.

[Grandfather of Russian aviation] "Dedushka russkoi
aviatsii." Moskva, Znanie, 1965. 124 p. (MIRA 18:4)

KARPOV, T.P. [deceased]; MALYANOV, V.A. [deceased]; UGLOVA, E.V.: REUTOV,
O.A.

Mechanism of "three-alkyl" isotope exchange of organomercury com-
pounds. Izv.AN SSSR, Ser.khim. no.9:1580-1583 S '64.

(MIRA 17:10)

1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova.

BELETSKAYA, I.P.; KARPCV, V.I.; REUTOV, O.A.

Stereochemistry of the reaction of the cis-trans isomers of styryl
mercury bromide with bromine. Izv.AN SSSR.Ser.khim. no.9:1707-1709
S '64. (MIRA 17:10)

1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova.

BELETSKAYA, I.F.; BUTIN, K.P.; REUTOV, O.A.

Reaction of some organomercury compounds with diazonium salts. Izv.
AN SSSR.Ser.khim. no.9:1711-1712 S '64. (MIRA 17:10)

1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova.

NELSEYANOV, NIK A.; ZHEVHLIKOVA, S.T.; REUTOV, O.A.

Interaction of phosphorylides with diphenyl iodonium salts.
Izv. AN SSSR Ser. khim. no.1:194-196 '65.

(MIRA 18:2)

1. Moskovskiy gosudarstvennyy universitet.

BELETSKAYA, I.P.; ERMANSON, A.V.; REUTOV, O.A.

Electrophilic substitution at the aromatic carbon atom. Report No.1:
Cleavage of the C-Hg bond in a molecule of aromatic organomercury
compounds under the action of halogens. Izv. AN SSSR Ser. khim. no.2:
231-239 '65. (MIRA 18:2)

1. Moskovskiy gosudarstvennyy universitet.

BELETSKAYA, I.P.; MYSHKIN, A.Ye.; REUTOV, O.A.

Electrophilic substitution at the aromatic carbon atom. Report
No.2: Kinetics and mechanism of protolysis of phenyl mercury
bromide in 90% aqueous dioxane. Izv. AN SSSR Ser. khim. no.2:
240-249 '65. (MIRA 18:2)

1. Moskovskiy gosudarstvennyy universitet.

DZHIMBIN, S.M.; FOMICHEV, A.K., ekonomist; REUT, A.I., ekonomist, red.

[The Kalmyk A.S.S.R.; essay on its economic geography]
Kalmytskaia ASSR; ekonomiko-geograficheskii ocherk. Elista,
Kalmytskoe knizhnoe izd-vo, 1960. 144 p. (MIRA 17:1)

RMUT, A. I.

Zheleznaiia doroga Kanash-Cheboksary. [Kanash-Cheboksary railway]. (In Chuvash A.S.S.R. 15 let Sovetskoi sotsialisticheskoi Chuvashii, 1920-1935. Cheboksary, 1935, p. 458-477).

ELC: DK511.C5A45

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress Reference Department, Washington, 1952, unclassified.

USSR/Cultivated Plants - Commercial. Oil- bearing. Sugar-bearing.

Ans Jour : Ref Zhur - Biol., No 10, 1950, 44220

Author : Raut, I.S.

Instit :

Title : New Fiber Cultures.

Orig Pub : Izv Akad Nauk, 1957, No 11, 19-20

Abstract : The seedings of ginseng (*Eleutherococcus senticosus*), jute and hemp (*Cannabis sativa*) increased considerably during the years of Soviet power in the USSR. The first place in the production of jute and jute production in the Soviet Union is held by the Uzbek SSR. The article gives data on the technique of cultivation, reprocessing and of the economics of the collective farms growing these cultures. -- A.M. Skirnov

Card 1/1

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REUT, A. I.

Dat' novye zheleznye dorogi krain khleba, slantsev i rudy. New railroads should be built for the region rich in grain, slate and ore. (Rekonstruktsiia transporta, 1931, no. 13-14, p. 13-18, map).

New railroad construction in the Central Volga region in the first and second five-year plan.

DLC: HE7.R4

Kuibyshevskii gidrouzel i novoe zheleznodorozhnoe stroitel'stvo. The Kuibyshev hydroelectric station and the new railroad construction. (Sots. transport, 1939, no. 4, p. 5-15, map).

DLC: HE7.S6

Novye zheleznye dorogi Povolzh'ia. The new railroads in the Volga area. (Sots. transport, 1937, no. 11-12, p. 94-101, map).

DLC: HE7.S6

Zheleznodorozhnoe stroitel'stvo v nizhnem Povolzh'e v 1932-37 gg. Railroad construction in the Lower Volga area. (Rekonstruktsiia transporta, 1931, no. 17, p. 13-15).

DLC: HE7.R4

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress, Reference Department, Washington, 1952, Unclassified.

L 34821-66

ACC NR: AP6021490

SOURCE CODE: UR/0413/66/000/011/0140/0141

INVENTOR: Kokonin, S. S.; Reut, A. V.

ORG: none

TITLE: Inertial transducer Class 62, No. 182529

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 11, 1966, 140-141

TOPIC TAGS: inertial transducer, aircraft landing gear, *AIRCRAFT ENGINE*

ABSTRACT: An Author Certificate has been issued for an inertial transducer for the automatic braking of aircraft wheels, consisting of a flywheel and a clutch, connected with one axle, and a microswitch (see Fig. 1). To increase the transducer's reliability and stabilize its

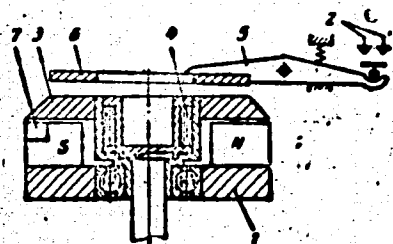


Fig. 1. Inertial transducer

1 - Flywheel; 2 - microswitch; 3 - armature;
4 - clutch; 5 - arm; 6 - plate; 7 - cogs.

Card 1/2

UDC: 629.135/138

Card 2/2

8 5826

S/123/60/000/020/018/019

A005/A001

10-9330

Translation from: Referativnyy zhurnal, Mashinostroyeniye, 1960, No. 20, p. 476,
113259

AUTHORS: Chupilko, G. Ye., Kokonin, S. S., Reut, A. V., Maslennikov, V. P.

TITLE: Automatic Braking the Aircraft at Landing Run

PERIODICAL: V sb.: Povysheniye effektivnosti tormozn. ustroystv. Svoystva frikts.
materialov. Moscow, AN SSSR, 1959, pp. 26-45

TEXT: Pulse systems are described of automatic braking of remote action with an electrochemical inertia transmitter of pulses. The diagram of the system and the graphic characteristics of its operation are presented. The criteria of the effectiveness of the system are described; the 1- and 2-signal systems of automatic braking are compared, and the working principle is described. The diagram of the hydraulic system of automatic braking of a heavy aircraft is presented. New diagrams of the automatic braking system and their units are described, among them the automatic braking system with program control of the braking moment, their advantages and imperfections are pointed out. Diagrams and graphs are given.
A. L. V.

Translator's note: This is the full translation of the original Russian abstract.
Card 1/1

PHASE I BOOK EXPIRATION SC/36CA

Magaziny nauk SSSR. Institut mashinovedeniya

Polymernye effektivnosti tomoznykh utrozhny. Svoystva fiziko-khimiya materialov (Increasing the efficiency of polymer materials). Properties of Friction Materials. Moscow: Nauka, 1959. 183 p. Krayna slup inzhenera. 1,800 copies printed.

Nauch. Ed.: V.S. Shubertov. Doctor of Technical Sciences, Professor; Ed. of Publishing House: P.N. Belyanin; Tech. Ed.: I.Ye. Polyakov.

PURPOSE: This collection of articles is intended for engineers and scientific workers specializing in brakes and friction materials.

CONTENTS: The first group of articles deals with basic design measures for increasing the life and efficiency of brakes. The second group with problems related to the development of fields of application of new friction materials. The third group with testing methods and the results of investigations of friction pairs and brakes, and the fourth group with the design of brakes and calculation data. Specialists are mentioned. References accompany most of the articles.

TABLE OF CONTENTS:

Chupliko, G.Ye., S.S. Kokonin, A.Y. Roub, and V.P. Yatsenkiy. Automatic Braking of Aircraft during the Landing. 26

The authors present results of a study of pneumatic and electric brakes, particularly the effect of varying characteristics and adjustment of the single members in particular systems on brake efficiency.

Kryzhanich, L.M. Basic Design Measures for Increasing the Life and Efficiency of Block Brakes. 86

The author discusses the construction and operation of railroad brakes with respect to increasing the life and efficiency and cutting braking distances, and describes types of modern brakes in use and in the experimental stage.

PART II. DEVELOPMENT OF NEW FRICTION MATERIALS AND INVESTIGATION OF THEIR APPLICATIONS. 62

Vvedenskiy, V.Y., and A.E. Brilman. Investigation of Friction Properties of Low-Carbon Iron-Base Alloys. 62

The authors present results of a study of friction properties of steels of various chemical composition, from the regular carbon - to high-alloy, heat-resistant steels. The results describe the effect of various alloying additions on the friction properties and wearability of steels.

Slivko, B.L., and A.A. Yemelin. Chromium Bronzes for Heavy-Duty Brakes. 82

The authors describe the properties of chromium bronzes, giving their characteristics as a friction material for brakes, and comparing them with cast iron.

Martov, E.M. Development and Investigation of Cast Friction Alloys. 88

The author presents test information on the PK-8 cast friction material, which was tested in a pair with type CHN-8 cast iron.

Georgiyevskiy, G.A. Aspects of the Development of Heat-Resistant Friction Materials. 93

In this article, friction properties of the initial components of friction materials: iron minimum barium oxide, asbestos, aluminum, lead oxide, carbon black, graphite, silica gel, slag wool, iron powder, lead powder, steel wool, brass wire and chips, elastomer, etc., are examined. Their effect on strength and friction coefficients at various temperatures is investigated.

Gudzenko, V.M., and A.M. Petrunin. Friction Between Cast Iron and Plastics. 110

The authors discuss effect of the composition, structure and production of cast iron working in pair with PK-161 plastics, on changes in the friction coefficients.

REUT, B. K., JUCHER, M. G.

Plastering

Introduction of movable equipment for
liquid plaster.

Biul. stroi. tekhn., 9, no. 1, 1952

Inzh.; Giproorgipomzhilstroy Ministerstva

Ugol'noy Promyshlennosti

Monthly List of Russian Accessions, Library
of Congress, April, 1952. UNCLASSIFIED

BOGATYKH, S.A., kand.tekhn.nauk; REUT, E.A., inzh.

Investigating the processes of heat exchange in cyclone-
frothing apparatus during the cooling of gases by liquids.
Khim. mash. no.6:21-24 N-D '61. (MIRA 15:2)
(Heat exchangers)
(Foam)

GANUSEVICH, Ye.K., inzh.; REUT, L.Z., inzh.

Ohmic resistance of enameled wires. Elektrotehnika 35 no.6:
35-37 Je '64. (MIRA 17:8)

GUL'DENBAL'K, Vadim Vladimirovich [deceased]; KAYETANOVICH,
Mikhail Mikhaylovich, inzh.; RABINOVICH, David
Vladimirovich, inzh.; REUT, Mikhail Antonovich, inzh.;
FRIDKIN, L.M., tekhn. red.

[Construction of electric power transmission lines] Sooru-
zhenie lini elektropredachi. [By] V.V.Gul'denbal'k i dr.
Izd.5., perer. Moskva, Gosenergoizdat, 1963. 462 p.
(MIRA 16:8)

(Electric lines--Overhead)

REUT, M.A., inzh.

Choice of components for cone-shaped self-supported reinforced
concrete high-voltage towers. Elek. sta. 32 no.1:42-44 Ja '61.

(MIRA 16:7)

(Electric lines--Poles)

REUT, M.A., inzh.

New machinery and methods for forming pits for reinforced
concrete supports. Mekh.stroi. 19 no.3:11-12 Mr '62.

(MIRA 15:3)

(Excavating machinery)

ROMANOV, A.D., inzh.; REUT, M.A., inzh.

Construction of electric networks for outdoor electric power
supply to the electrified Moscow-Irkutsk Railroad main. Energ.-
stroil. no.25:61-71 '61. (MIRA 15:4)

1. Glavnoye upravleniye po stroitel'stvu i montazhu vysokovol'tnykh
elektrosetey i podstantsiy Urala i Sibiri Ministerstva stroi-
tel'stva elektrostantsiy SSSR.

(Electric railroads--Current supply)

SEMENCHEV, Aleksandr Vladimirovich; REYT, M.A., red.; BUL'DYAYEV,
N.A., tekhn. red.

[Pile drivers for sinking reinforced-concrete piles] Ma-
shiny dlia pogrusheniia v grunt zhelezobetonnykh svai. Mo-
skva, Gosenergoizdat, 1963. 46 p. (Biblioteka elektromon-
tera, no.95) (MIRA 16:10)
(Piling (Civil engineering))--Equipment and supplies)

REUT, M.A., inzh.

Machines for sinking piles to go under the poles of electric
transmission lines. Mekh. stroi. 19 no.9:9-11 S '62.
(MIRA 15:9)

(Piling (Civil engineering))
(Electric lines--Poles and towers)

REUT, M.A., inzh.

New reinforced concrete towers. Energ.stroi. no.25:72-76 '61.
(MIRA 15:4)

1. Glavnoye upravleniye po stroitel'stvu i montazhu vysokovol'tnykh elektrosetey i podstantsiy Urala i Sibiri Ministerstva stroitel'stva elektrostantsiy SSSR.

(Electric lines--Poles)
(Reinforced concrete construction)

ACC NR: A.7007595

SOURCE CODE: UR/0104/66/000/002/6095/0096

26

AUTHOR: Chuprakov, N. M.; Borovoy, A. A.; Postnikov, N. A.; Malychev, A. A.;
Magidson, E. M.; Sin'chugov, F. I.; Zeyildzon, Ye. D.; Barchaninov, G. S.;
Yermolenko, V. M.; Vasil'yev, A. A.; Sokolov, N. I.; Ul'yanov, A. S.;
Fedoseyev, A. M.; Sarkisov, M. A.; Rokotyan, S. S.; Azar'yev, D. I.; Arson,
G. S.; Dubinskij, L. A.; Zhulin, I. V.; Kolpakova, A. I.; Antoshin, N. N.
Erikunchik, A. J.; Kuchkin, M. D.; Preobrazhenskiy, N. Ye.; Reut, M. A.;
Kheyfits, M. E.; Sharov, A. N.; Yakub, Yu. A.; Gorbunov, N. I.; Shurmukhin,
V. A.; Beschinskiy, A. A.

ORG: none

TITLE: Boris Sergeyovich Uspenskiy (on his 60th birthday)

SOURCE: Elektricheskiye stantsii, no. 8, 1966, 95-96

TOPIC TAGS: hydroelectric power plant, electric engineering personnel.

SUB CODE: 10

ABSTRACT: B. S. Uspenskiy was born in June 1906. He graduated from
the State Electric Machine Building Institute in 1928 as an electric
installation engineer. He worked in the State Electro-Technical Trust
for four years, then in the All-Union ElectroTechnical Union, where he
planned power construction units. Plans which he made up at that time
for the electrical portion of electrical stations and sub-stations are
still being used. He was involved in planning and installation of the
electrical portion of hydro-electric power stations and powerful pumping
stations in the Moscow-Volga Canal. During the war, he was in charge in
installation of the Krasnogorskaya Heat and Electric Power Station, the
planning of the Urals Hydro-Electric Power Station and other projects. He

Card 1/2

0928 1534

REUT, M.A., inzh.

Compacting forces in centrifuging concrete. Energ. stroi.
no.33:71-73 '63. (MIRA 17:8)

1. Glavnoye upravleniye po stroitel'stvu i montazhu vysokovol'-
tnykh elektrosetey i podstantsiy Urala i Sibiri Ministerstva
stroitel'stva elektrostantsiy SSSR.

REUT, Mikhail Antonovich; LEVIN, L.E., red.; BORUNOV, N.I., tekhn.
red.

[Use of precast reinforced concrete in the construction of
35-500 kv. electric systems]Primenenie sbornogo zhelezobetona
pri sooruzhenii elektricheskikh setei napriazheniem 35-500 kv.
Moskva, Gosenergoizdat, 1962. 173 p. (MIRA 16:3)
(Precast concrete construction)
(Electric lines--Poles and towers)

REUT, M.A., inzh.

Reinforced concrete supports with a part of reinforcement
stressed. Bet. 1 shel.-bet. no.3:117-121 Mr '60.

(MIRA 13:6)

(Electric lines--Poles) (Prestressed concrete)

REUT. M.A., inzh.

Prestressed concrete electric transmission poles. Bet. i
zhel.-bet. no.7:327-330 J1 '61. (MIRA 14:7)
(Electric lines--Poles)
(Prestressed concrete)

GUL'DENBAL'K, Vadim Vladimirovich[deceased]; KAYETANOVICH, Mikhail
Mikhaylovich; RABINOVICH, David Vladimirovich; REUT,
Mikhail Antonovich; FRIDKIN, L.M., tekhn. red.

[Construction of overhead power transmission lines] So-
oruzhenie linii elektroperedachi. Izd.5., perer. [By] V.V.
Gul'denbal'k i dr. Moskva, Gosenergoizdat, 1963. 462 p.
(MIRA 17:2)

GRIGOR'YEV, Yuriy Yevgen'yevich; ZIL'MERMAN, Rafail Isaakovich;
KOSHKAROV, Boris Vladimirovich; MERMAN, Isaak Abramovich;
REUT, Mikhail Antonovich; FAYERMAN, A.L., red.;
BUL'DYAYEV, N.A., tekhn. red.

[Handbook on the construction of electric power transmission lines] Spravochnik po stroitel'stvu linii elektroperedachi. Pod obshchey red. A.D.Romanova. Moskva, Gosenergoizdat, 1963. 488 p. (MIRA 17:1)
(Electric lines--Overhead)

RUSS. J. A.

"Pharmacological and Toxicological Properties of
Thiophosphorous Compounds"
paper presented at 1st First Conference on Phosphorous Compounds,
Kazant, 8-10 Dec 54

BO: B-3,084,641

IL'YUCHENOK, T.Yu., kand. med. nauk; ISKAREV, N.A., kand. med. nauk;
KORABLEV, M.V., kand. med. nauk; REUT, N.A., kand. med. nauk;
YAKIMOVICH, L.A., kand. med. nauk; KHOMICH, N.V., assistant;
SHADURSKIY, K.S., prof.; KRYUKOVSKAYA, B., red.; YERMOLENKO, V.,
tekhn. red.

[Manual on prescriptions] Rukovodstvo po retsepture. Izd. 3.,
ispr. i dop. Minsk, Izd-vo "Belarus'," 1963. 178p.

(MIRA 17:2)

*

VINOGRADOVA, Ye.V.; GRINEV, A.N.; DANUSEVICH, I.K.; DZIK, M.F.; DUBOVIK, B.V.;
ZAKHAREVSKIY, A.S.; IL'YUCHENOK, T.Yu.; KOST, A.N.; MARTINOVICH, G.I.;
MIKLEVICH, A.V.; PIL'TIYENKO, L.F.; RACHKOVSKAYA, I.V.; REUT, N.A.;
TALAPIN, V.I.; TAMARINA, N.Z.; TERENT'YEV, A.P.; SHADURSKIY, K.S.

Research on pharmacological agents with prolonged hypotensive
action. Vest. AMN SSSR 18 no.1:69-86 '63. (MIRA 16:2)

1. Laboratoriya spetsial'nogo organicheskogo sinteza khimicheskogo
fakul'teta Moskovskogo gosudarstvennogo universiteta imeni Lomono-
sova i kafedra farmakologii Minskogo meditsinskogo instituta.
(HYPOTENSION) (INDOLE)

SHADURSKIY, K.S., prof.; IL'YUCHENOK, T.Yu., kand.med.nauk.; ISKAREV,
N.A., kand.med.nauk.; KOMISSAROV, I.V., kand.med.nauk.; KORABLEV,
M.V., kand.med.nauk.; MYAZDRIKOVA, A.A., kand.med.nauk.; NILOVSKAYA,
S.N., kand.med.nauk.; REUT, N.A., kand.med.nauk.; YAKIMOVICH, I.A.,
kand.med.nauk.; GES', N.D., red.; BELEN'KAYA, I.Ye., tekhred.

[Prescription manual] Rukovodstvo po retsepture. Izd.2., ispr.
i dop. Minsk, Izd-vo Belgosuniv. im. V.I.Lenina, 1960. 99 p.
(MIRA 14:1)

(MEDICINE--FORMULAE, RECEIPTS, PRESCRIPTIONS)

IVANOV, Petr Ivanovich; SUKHORUKOV, Petr Aleksandrovich; REUT, N.I.,
red.; LAVRENOVA, N.B., tekhn.red.

[Technical operation of boiler equipment on ships] Tekhni-
cheskaia ekspluatatsiia kotel'nogo oborudovaniia morskikh sudov.
Moskva, Izd-vo "Morskoi transport," 1960. 129 p. (MIRA 13:5)
(Boilers, Marine)

LADYZHENSKIY, Yefim Borisovich; REUT, N.I., red.; SARAYEV, B.A.,
tekhn. red.

[Fitting marine shaftings by the photography of a ray of
light] Montazh sudovykh valoprovodov s pomoshch'iu foto-
grafirovaniia svetovogo luch'a. Moskva, Izd-vo "Morskoi
transport," 1961. 84 p. (MIRA 15:2)
(Shipfitting) (Shafting)

MOROZOV, Mikhail Yakovlevich; SOKOLOV, Leonid Ivanovich; REUT, N.I.,
red.; KHLOPOVA, L.K., tekhn. red.

[Analysis of damage to marine engine crankshafts and methods
to correct them] Analiz povrezhdenii kolenchatykh valov sudo-
vykh dvigatelei i metody ikh ispravlenii. Moskva, Izd-vo
"Morskoi transport," 1962. 68 p. (MIRA 15:7)
(Marine engines) (Crankshafts)

REUT, N.I. (Novokuznetsk, Kemerovskoy oblasti, prospekt Kurako, d.1. kv.78)

Dislocation of the first carpometacarpal joint. Ortop., travm.
i protez. 26 no.3:42-49 Mr '65. (MIRA 18:7)

1. Iz travmatologicheskogo otdeleniya (zav. - N.I.Reut) i
gorodskoy bol'nitsy goroda Osinniki, Kemerovskoy oblasti (glavnyy
vrach - I.A.Levin).

REUT, Nikolay Ivanovich, polkovnik; KREKSHIN, N.A., podpolkovnik, red.;
VOLKOVA, V.Ye., tekhn.red.

[Combat operations of a rifle squad in the desert and desert
steppes] Boevye deistviia strelkovogo otdeleniia v pustyniakh
i pustynnykh stepiakh. Moskva, Voen.izd-vo M-va obor.SSSR.
1959. 77 p. (MIRA 13:3)
(Desert warfare)

MATUSEVICH, M.G., kand.ekon.nauk; PASHKEVICH, O.N., kand.ekon.nauk;
MUKHINA, V.A., mladshiy nauchnyy sotrudnik; MARKOVA, K.Ye., kand.
ekon.nauk; SAVEL'YEV, I.T., mladshiy nauchnyy sotrudnik;
MERETSKAYA, T.A., kand.ekon.nauk; D'YAKOV, B.I., mladshiy nauchnyy
sotrudnik; Prinimali uchastiye: BEL'KO, S.P., mladshiy nauchnyy
sotrudnik; ANDROSOVICH, Ye.I., mladshiy nauchnyy sotrudnik;
KUKHAREV, B.Ye., mladshiy nauchnyy sotrudnik; REUT, S.B., starshiy
statistik. TIMOFEYEV, L., red.; VOLOKHANOVICH, I., tekhn.red.

[Capital assets of industry and their utilization] Osnovnye fondy
promyshlennosti i ikh ispol'zovanie. Minsk, Izd-vo Akad.nauk
BSSR, 1960. 192 p. (MIRA 14:1)

1. Akademiya nauk BSSR, Minsk. Institut ekonomiki. 2. Institut
ekonomiki AN BSSR (for all, except Timofeyev, Volokhanovich).
(White Russia--Capital)

REUT, T., starshiy inzh.; KHLOPKOVA, R., starshiy inzh.

Working on the basis of the new price list. Mest.prom.i khud.promya.

1 no.2/3:48-50 N-D '60.

(MIRA 14:4)

1. TSentral'naya opytno-tekhnicheskaya shveytnaya laboratoriya.
(Clothing and dress---Prices)

REUT, V., otv. za vypusk; SMIRNOV, V., otv. za vypusk; YAGODKINA, V.,
tekhn.red.

[Second Soviet space ship; material published in "Pravda."]
Vtoroi sovetskii kosmicheskii korabl'; materialy, opublikovannye
v gazete "Pravda." Moskva, Izd-vo "Pravda," 1960. 198 p.
(MIRA 13:10)

(Space ships)

AZIZYAN, A.K., otv. za vypusk; REUT, I.F., otv. za vypusk; SELYUK, S.I.,
otv. za vypusk; SMIRNOV, V.V., otv. za vypusk; NOVIKOVA, L.,
tekhn.red.

[The first flight of man into space; materials published in
"Pravda."] Pervyi polet cheloveka v kosmos; materialy, opubliko-
vannye v "Pravde." Moskva, Izd-vo "Pravda," 1961, 343 p.
(MIRA 14:3)

(Astronautics)

PHASE I BOOK EXPLOITATION

SOV/6450

Chernenko, M.B., A.K. Azizyan, V.F. Reut, and B.A. Dubrovin, eds.

V kosmose Nikolayev i Popovich; kniga o besprimernom gruppovom polete
vokrug Zemli kosmicheskikh korabley "Vostok-3" i "Vostok-4"
(Nikolayev and Popovich in Space; A Book on the Unprecedented Group
Flight of the Spaceships "Vostok-3" and "Vostok-4" around the
Earth' [Moscow] "Pravda", 1963. 495 p. 50,000 copies printed.

Tech. Ed.: V.V. Maslennikov.

PURPOSE: This book is intended to acquaint the general reading public
with the various phases and results of the Nikolayev and Popovich
flights.

DOVERAGE: The book covers many facets of the Vostok-3 and Vostok-4
flights as reported in TASS, official documents, press conferences,
articles, interviews, etc. The material ranges from official
flight-progress reports to poetic eulogies of the cosmonauts and
their flights. Many photographs and illustrations are included.

Card 1/1

CHERNENKO, M.B.; AZIZYAN, A.K.; REUT, V.F.; DUBROVIN, B.A.;
MASLENNIKOV, V.V., tekhn. red.

[Nikolayev and Popovich in outer space; a book on the
unprecedented group flight of the spaceships "Vostok-3"
and "Vostok-4" around the earth] V kosmose Nikolaev i
Popovich; kniga o besprimernom gruppovom polete vokrug Zemli
kosmicheskikh korablei "Vostok-3" i "Vostok-4". Moskva,
Izd-vo gazety "Pravda," 1963. 495 p. (MIRA 16:6)
(Vostok (Manned satellite))

PHASE I BOOK EXPLOITATION

SOV/5666

Azizyan, A. K., and V. F. Reut, eds.

Polet Gagarina; materialy, opublikovannyye v "Pravde" (Gagarin's Flight; Materials Published in "Pravda") Moscow, Izd-vo "Pravda," 1961. 46 p. 300,000 copies printed.

Tech. Ed.: L. Novikova.

PURPOSE: This booklet is intended for general readers.

COVERAGE: The booklet contains, in addition to a eulogy of Gagarin's space flight, a brief description of the space ship "Vostok" and some information on the medical and biological problems of the flight. Some idea of astronaut training is given. A photo of the Vostok's instrument panel and one of Gagarin in a space suit appear in the text. No personalities are mentioned. There are no references.

Card 1/2

AZIZYAN, A.K., otv. za vypusk; REUT, V.F., otv. za vypusk; SMIRNOV, V.V.,
otv. za vypusk; NOVIKOVA, L., tekhn. red.

[Twenty five hours of space flight] 25 chasov v kosmicheskom polete;
materialy, opublikovannye v "Pravde." Moskva, Izd-vo "Pravda," 1961.
382 p. (MIRA 14:10)

(Astronautics)

REUT, Viktor Fedorovich; ANISIMOVA, K.V., red.; YEFETOVA, T.M., red.;
DORODNOVA, L.A., tekhn.red.

[Moscow - North Pole; traveler's notes] Moskva - Severnyi
polius; putevye ocherki. Moskva, Vses.uchebno-pedagog.izd-vo
Proftekhizdat, 1961. 150 p. (MIRA 15:4)
(Arctic regions—Description and travel)

BALKIN, N.A., otv. za vypusk; AZIZYAN, A.K., otv. za vypusk;
DUBROVIN, B.A., otv. za vypus; REUT, V.F., otv. za vypusk;
CHECHENENKO, M.B., otv. za vypusk; NOVIKOVA, L.D., tekhn.
red.; MASLENNIKOV, V.V., tekhn. red.; SHUMAN, L.I., tekhn.
red.

[Earth-space-earth] Zemlia - kosmos - Zemlia; sbornik mate-
rialov, opublikovannykh v gazete "Pravda." Moskva, 1962.
(MIRA 15:7)
95 p.

(Nikolaev, Andriian Grigor'evich, 1929-)
(Popovich, Pavel Romanovich, 1930-)

REUT. Viktor Fedorovich; BOGACHEV, A., redaktor; TROYANOVSKAYA, N., tekhnicheskii redaktor

[Creative collaboration] Tvorcheskoe sodruzhestvo. Moskva, Gos.
izd-vo polit. lit-ry, 1956. 38 p. (MLRA 9:9)
(Science) (Industry)

REUT, V.I. (Odessa)

Three-dimensional strength of certain types of beam girders.
Izv.AN SSSR otd.tekh.nauk no.9:84-100 S '56. (MLRA 9:9)
(Girders)

SHIKHIYEV, F.M., kand.tekhn.nauk, dotsent; REUT, V.I., kand.tekhn.nauk,
dotsent.

Experimental investigations of new types of loading and un-
loading equipment. Nauch.trudy OIIMF no.13:55-79 '57.
(MIRA 11:11)

(Loading and unloading) 13.3

Plan. 13.3. 11.11

SOV/124-58-10-11718

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 10, p 141 (USSR)

AUTHORS: Reut, V. I. — Dorogostayskiy, Z. E.

TITLE: Experimental Investigation of Torsional Rigidity of Some Types of Plane Trusses (Eksperimental'noye issledovaniye zhestkosti na krucheniye nekotorykh tipov ploskikh ferm)

PERIODICAL: Tr. Odessk. tekhnol. in-ta pishch. i kholodil'n. prom-sti, 1957, Vol 8, Nr 1, pp 103-119

ABSTRACT: Experiments were performed for verification of the theoretical formulas obtained by V. I. Reut in his paper (Izv. AN SSSR. Otd. tekhn. n., 1956, Nr 9, pp 84-100; RZhMekh, 1958, Nr 5, abstract 5932). Investigations were performed on truss models with parallel chords of triangular and diamond-shaped lattice configuration and also double lattice frames assembled from H-beams consisting of two-stepped cross sections. The experiments have demonstrated considerable torsional rigidity of such trusses and confirmed the formulas obtained theoretically. It is pointed out that trusses consisting of two-stepped cross-section beams exhibit a high degree of stability.

Card 1/1

V. A. Mar'in

REUT, V. I., Doc Tech Sci -- (diss) "Solution of certain problems in the theory of the stability of thin-walled rods at the limits of elasticity." /Moscow/, 1959. 11 pp; (Academy of Sciences USSR, Inst of Mechanics); 150 copies; price not given; (KL, 18-60, 150)

REUT, V.I. (Odessa); DOROGOSTAYSKIY, Z.E. [Dorohostais'kyi, Z.E.] (Odessa)

Experimental investigation of the stability of some types of flat
trusses. Prykl.mekh. 7 no.2:203-206 '61. (MIRA 14:4)

1. Odesskiy institut pishchevoy i kholodil'noy promyshlennosti.
(Trusses—Testing)

RYUT, V.I., dokl. akad. nauk, PREOBRAZHENSKIY, A.A. (Preobrazhenskiy, A.A.); LANGE, A.B. (Lange, A.B.)

Technological type UNB-10 saccharless system with double level
cylinder reservoirs for continuous must fermentation apparatus.
Her. prom. no.4-16-17 G.S. '65. (MIRA 18-12)

REUT, V.I.; KHOLOPTSEV, V.V.

Reinforcement of ship decks for the purpose of increasing ship stability. Sudorem. i sudostr. no.2:153-166 '63. (MIRA 17:4)

1. Odesskiy institut inzhenerov morskogo flota.

REUT, V.I., doktor tekhn.nauk; KHOLOPTSEV, V.V., kand.tekhn.nauk

Effect of the spacing of beam knees on deck stability. Sudostroenie
29 no.11:13-17 N '63. (MIRA 16:12)

MAK, S.L., kand.tekhn.nauk, dotsent; REUT, V.I., kand.tekhn.nauk, dotsent

Effect of deviations of proper centering of crane jib units on
the tension of their elements. Izv.vys.ucheb.zav.; mashinostr.
no.6:153-158 '62. (MIRA 15:11)

1. Odesskiy politekhnicheskii institut (for Mak). 2. Odesskiy
institut pishchevoy i kholodil'noy promyshlennosti (for Reut).
(Cranes, derricks, etc.—Testing)

ACC NR: AP/000026

SOURCE CODE: UR/0051/66/021/005/0564/0573

AUTHOR: Morozov, A. M.; Reut, Ye. G.; Ryskin, A. I.

ORG: none

TITLE: Luminescence, absorption, and level scheme of the Pr^{3+} ion in single crystals of lead molybdate

SOURCE: Optika i spektroskopiya, v. 21, no. 5, 1966, 564-573

TOPIC TAGS: lead compound, luminescence spectrum, absorption spectrum, color center, crystal symmetry

ABSTRACT: The purpose of the investigation was to establish the types of centers and the nature of symmetry of rare-earth ions in crystals of the scheelite type, particularly for ions such as Pr^{3+} for which electron paramagnetic resonance is not observed. The tests were made on PbMoO_4 and CaWO_4 with Pr^{3+} content 0.5 - 4.0 mol.%, grown by the Czochralski method from a stoichiometric oxide mixture. The absorption and luminescence spectra were investigated in the range from 25 000 to 3 000 cm^{-1} . The measurements were made on the crystals with 0.5% Pr concentration. The phenomenological procedure used to determine the level symmetry and the level splitting is described. The results show that the Pr^{3+} ion in crystals of the scheelite type can be situated in a tetragonal field with mirror-rotation fourfold axes, and that the impurity ions or defects that realize the charge compensation do not eliminate this axis. On the basis of the experiments, it is deduced that the most likely model

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UDC: 535.37: 548.0

ACC NR: AP7000026

tetragonal center in scheelite is one in which the Pr^{3+} replaces a Pb^{2+} ion and is sufficiently screened from the action of the compensating charge. The presence of a number of weak lines in the spectrum demonstrates that this is not the only type of center present in the scheelite. The parameters of the crystalline field are determined. The authors thank M. N. Tolstoy for photographing part of the spectra in the infrared region, B. P. Zakharchenya and L. M. Kanskaya for supplying the apparatus for the Zeeman-effect investigation and help in the work, P. P. Feofilov for interest in the work and useful discussions, and Graduate Student of the Kazan' State University for participating in earlier stages of the experiment. Orig. art. has: 3 figures, 3 formulas, and 3 tables.

SUB CODE: 20/ SUBM DATE: 02Jul65/ ORIG REF: 007/ OTH REF: 007

Card 2/2

L 15557-66 EWT(1) AT

ACC NR: AP6004420

SOURCE CODE: UR/0051/66/020/001/0172/0173

AUTHOR: Reut, Ye. G.; Ryskin, A. I.

ORG: none

21,44,55

TITLE: Radiative levels of the Pr^3 ion in crystals of the scheelite type

SOURCE: Optika i spektroskopiya, v. 20, no. 1, 1966, 172-173

TOPIC TAGS: praseodymium tungstate, molybdate, calcium compound, lead compound, phosphor crystal, stimulated emission, electron energy level, solid state physics

ABSTRACT: The authors studied the absorption and luminescence spectra of CaWO_4 -Pr and PbMoO_4 -Pr crystals in the $3000\text{-}25,000\text{ cm}^{-1}$ region to determine the mechanism responsible for stimulated radiation of the trivalent praseodymium ion in crystals of the scheelite type. The duration of the excited state for various luminescent transitions was also studied. The experimental data indicate that transitions from the 1G_4 level of the Pr^3 ion in scheelite crystals are non-radiative and that the emission line at $1.0468\text{ }\mu$ is due to the $^1D_2\text{-}^3F_4$ transition. A diagram is given showing the position of energy levels in the trivalent praseodymium ion in crystals

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UDC: 535.33/34 : 548.0

L 15557-66

ACC NR: AP6004420

2
of the scheelite type. The short duration of the excited state for transitions from the 3P_0 level is apparently due to the fact that radiative transitions from this level "shunt" the non-radiative transition from the 3P_0 level to the 1D_2 level. Due to interaction with lattice vibrations, the population of these levels is determined by the Boltzmann rule; only the 3P_0 level is populated at 77°K. The authors are grateful to A. M. Morozov for preparation of the crystals and to P. P. Feofilov for interest in this work. Orig. art. has: 1 figure.

SUB CODE: 20/ SUBM DATE: 05Apr65/ ORIG REF: 003/ OTH REF: 002

PC

Card 2/2

BOROVIKOV, V.N., inzh.; MAMLIN, G.A., inzh.; PITANOVA, N.S., inzh.; REUT, Z.V.,
inzh.

Preparing welded, box elements for span structures. Transp. stroi 14
no.7:23-26 J1 '64. (MIRA 18:1)

GARTNER, Pal, dr.; REUTER, Carmen, dr.; REMSEY, Bela, dr.

Alcohol-withdrawal by reflex conditioning. Orv. hetil. 96 no.36:
1000-1003 4 Sept 55.

1. A Fovarosi Koranyi Frigyes es Sandor Korhas (igaz:Petho Imre
dr.) Elme- es Idegosztalyanak (foorvos: Gartner Pal dr.) kozl.
(ALCOHOLISM, therapy,
conditioned reflex withdrawal technic)
(REFLEX, CONDITIONED,
conditioned withdrawal in alcoholism)

REUTER, Camillo

On the damages caused by planting poplar and pine trees beside each other. Erdo 11 no.12:565-569 D '62.

1. Erdogazdasagi felugyelo, Mecseki Allami Erdogazdasag, Pecs.

REUTER, F.; PASEK, Jaroslav [translator]

Land deformations in gypsum karst. Cas min geol 8 no.3:250-255 J1 '63.

1. Ustredni geologicky ustav, Berlin (for Reuter).

CZECHOSLOVAKIA

REUTER, F.

Central Geological Institute (Ustredni geologicky ustav),
Berlin

Prague, Casopis pro mineralogii a geologii, No 3, 1963,
pp 250-254

"Land Sin/king above Gypsum."

AMS

*Annals of Meteorology
on Objective Forecasting*

58-217

551-400.31

Neuhof, Ilona. Forecasting minimum temperatures. *Tellus*, 3(1):141-147, Aug. 1951. 3 figs., 2 tables, 14 refs., equations. **551-400.31**—The theory of nocturnal cooling of the earth's surface is reviewed and Neuhof's well-known formula stated. For the practical application of the cooling formula, a diagram is constructed. A test of the results using observations for Vienna shows a good agreement between the predicted and observed temperature minima. *Subject Headings:* 1. Objective forecasting 2. Minimum temperature forecasting 3. Nocturnal cooling 4. Vienna, Austria.

REUTER, Otto

Determination of viscosity of glasses in the temperature range of processing. *Veszprem vegyip egy kozl* 4 no.4:393-394 '60

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R001444710017-2

1. Dunai Cementmű, Vao.

REUTER, Otto, dr.

Cement corrosion caused by leaching. Veszprem vegyip egy kozl
3 no.1/4:313-316 '59

1. Veszpremi Vegyipari Egyetem Szilikatkemia Tanszek.

S.A.

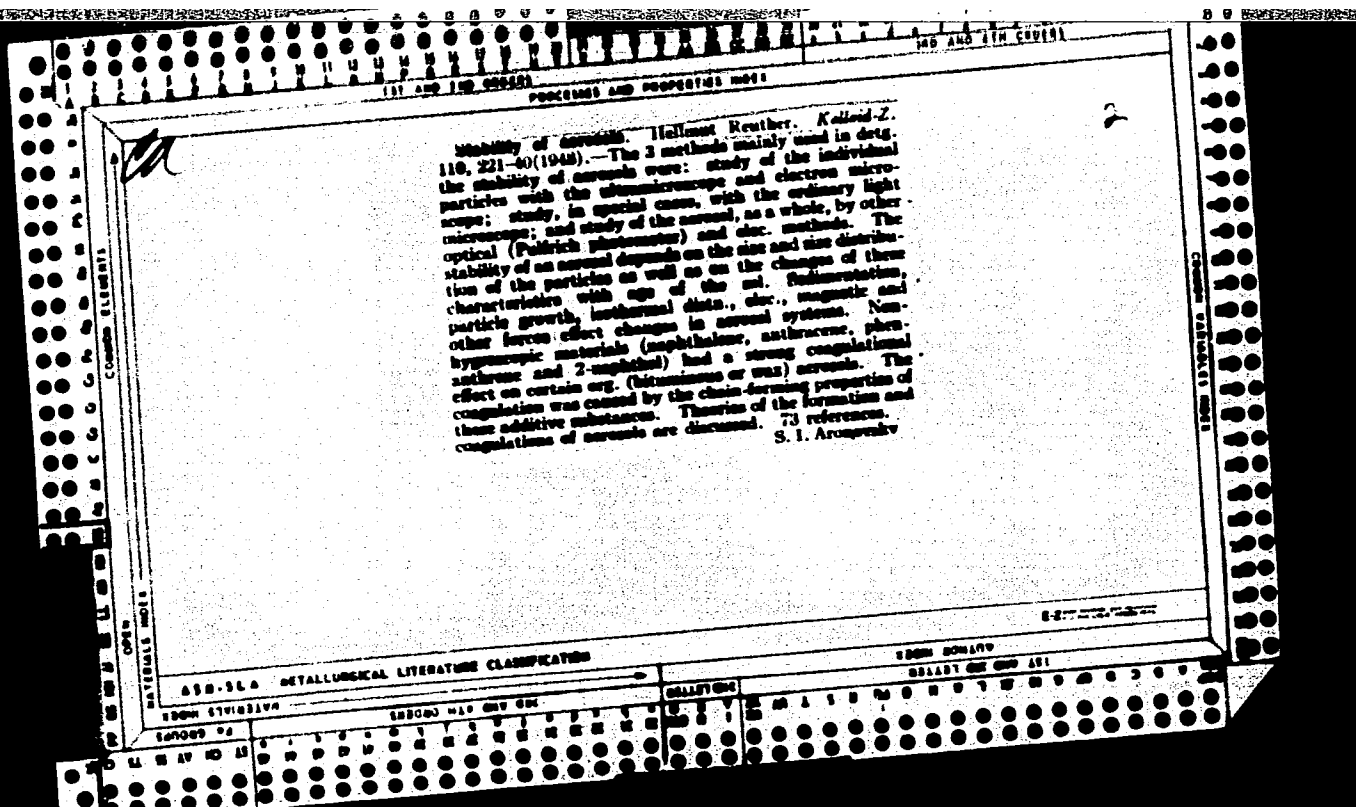
sect. A

Positive RAYS

537.534.72

2735. Two-dimensional focusing with short uniform magnetic fields. C. Raumanen. Ark. Fys., 4, 199-71 (Paper 3, 1958).

The 1-dimensional ion optic properties of the uniform magnetic fields with boundaries are investigated in the case of ion paths near the plane of symmetry, and the results are given in terms of the dioptrics of ion lenses. The conditions of simultaneous focusing of pencils of rays perpendicular and parallel to the lines of flux are stated in a somewhat specialized class of fields. The 2nd-order aberrations in planes parallel to the plane of symmetry are given. The existence of fields in which there cancel in points of the optic axis is pointed out. The same 2nd-order aberrations due to the fringing fields are calculated in the first approximation. A.



PROCESS AND PROPERTIES INDEX																									
1ST AND 2ND EDITIONS													3RD AND 4TH EDITIONS												
1ST AND 2ND EDITIONS													3RD AND 4TH EDITIONS												
5 (JANDEL, M., and K. REUTEMANN. "Kraft- und Wärmewirtschaft in der Industrie." 2. Bd. (Ubersetztig 3. Aufl. von Gertel, "Kraft- und Wärmewirtschaft in der Industrie." Pp. 220. Illustrated. Berlin and Vienna, 1930; Julius Springer. (Price 20 marks.)																									
ASD-15-A METALLURGICAL LITERATURE CLASSIFICATION																									
1ST AND 2ND EDITIONS																									
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S.A.

sent. A

Atoms. Isotopes

530.1552
1952. The isotopic abundance of K^{40} . C. RAYMOND.
Phys. Rev., 4, 255-5 (Paper 7, 1951).
A mass spectrometer with a thermionic emission
ion source was used with voltage scanning, and the
mass discrimination was evaluated by comparison
with Nier's value of $K^{40} : K^{39}$ (Abstr. 6253 (1950)).
The mass of 40 determinations gave 7.500 ± 40 for
 $K^{40} : K^{39}$, or, including Nier's error, 5.10×10^{-4} for
the isotopic abundance of K^{40} . T. A. PERKINS